



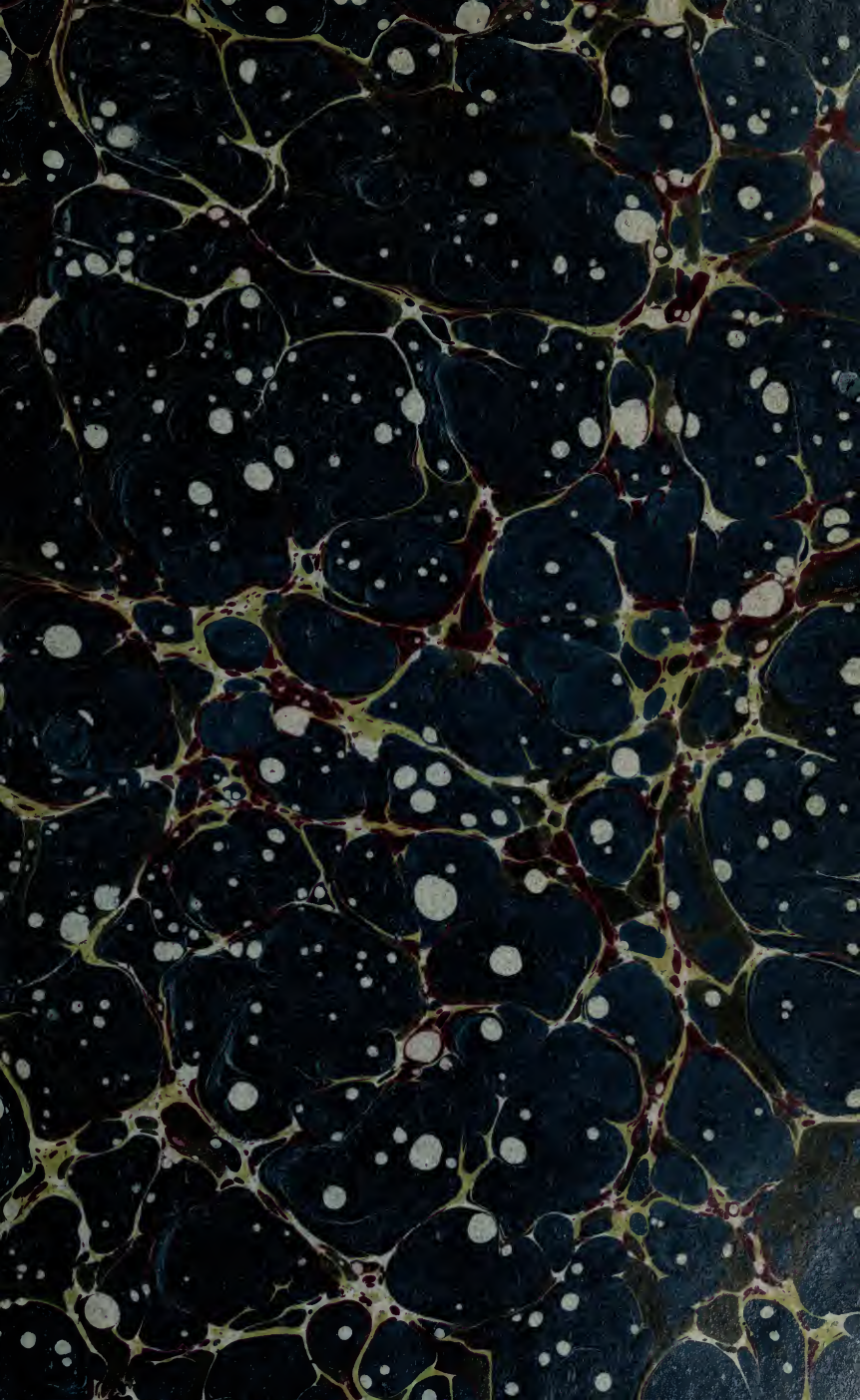
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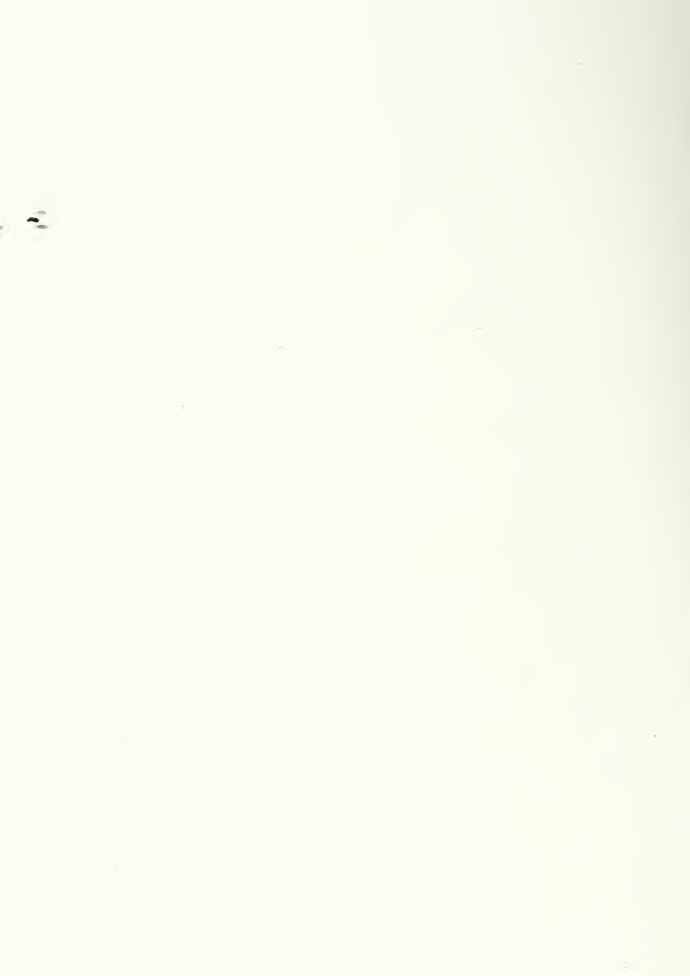
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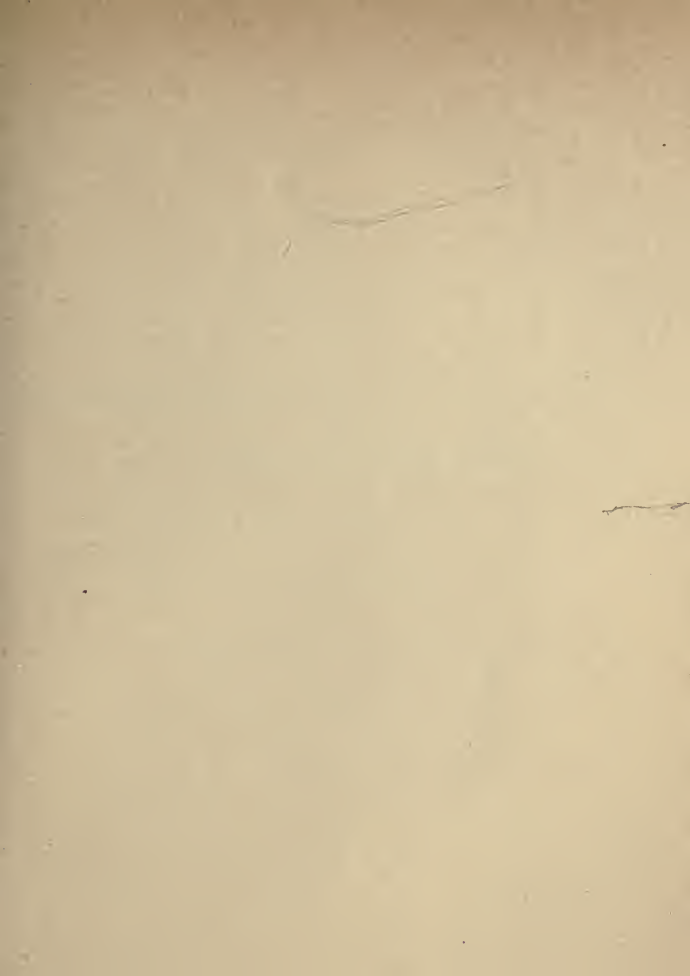




Southern California
Science Association

1894-95.







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CONSTITUTION, BY-LAWS

AND

LIST OF MEMBERS

OF THE

Southern California
Science Association

(Inaugurated Nov. 6, 1894)

FOR THE YEAR 1894-5.

LOS ANGELES, CAL.:
B. R. BAUMGARDT & CO.

1894

ANNOUNCEMENTS

OF THE

Southern California Science Association

SEASON OF 1894-1895



September 11—**PUBLIC RECEPTION and ADDRESSES**
The Bronze Age of Pre-historic Man

MR. WM. H. KNIGHT

October 9—**Is the Tornado Invincible** . MR. W. A. SPALDING
Iron Deposits in the Southwest

MR. WARREN WILSON

October 16—**SPECIAL EVENING**

Facts and Illusions regarding Mars, and other
Astronomical Topics, illustrated with charts
and Blackboard Sketches. . LEWIS SWIFT, Ph. D.

.....GIVEN AT UNITY CHURCH UNDER THE AUSPICES OF THE
 UNITY CLUB AND THE SCIENCE ASSOCIATION
 GENERAL ADMISSION, 25c. RESERVED SEATS, 50c.

November 13—**Bacteria** H. H. MAYNARD, M. D.

December 11—**On the Nature of Electricity**

MR. ST. JOHN DAY, F. R. S. E.

January 8—**The Wren Family of Birds**

MR. JOSEPH GRINNELL

Tidal Evolution MR. B. R. BAUMGARDT

February 12—**Address** DR. A. DAVIDSON

March 12—**Meteorology** MR. GEO. E. FRANKLIN

April 9—**Shells on Our Pacific Shores**

MRS. BURTON WILLIAMSON

May 14—**Annual Meeting and Election of Officers for**
the ensuing year

Officers for the Year 1894-95.

Officers.

WM. H. KNIGHT	President
MARY E. HART	First Vice President
PROF. A. J. McCLATCHIE	Second Vice President
WILLIAM LUNDBERG	Treasurer
B. R. BAUMGARDT	Secretary

Executive Committee.

Wm. H. Knight	Maj. E. W. Jones
Mary E. Hart	Dr. A. Davidson
Prof. A. J. McClatchie	Mrs. Sophie W. Knight
William Lundberg	Hon. Samuel Minor
B. R. Baumgardt	Miss Alice J Merritt
	Geo. Roughton

Active Members

Active Members.

Anderson, Prof. Jos.	Eustice, Mrs. Elizabeth M.
Barrows, H. P.	Fletcher, Dr. James C.
Baumgardt, B. R.	Foy, Miss Mary E.
Bracket, Prof. F. P.	Franklin, Geo. E.
Bigham, Miss Alma S.	Glover, G. W., Jr.
Bryson, Dr. Chas. W.	Griffith, B. W.
Bush, Dr. Chas. W.	Grimes, Geo. W.
Campbell, Miss Annie F.	Grinnell, Joseph
Clark, Prof. James H.	Haas, Walter F.
Channing, Harold S.	Hardenberg, Miss Rose
Cook, Prof. A. J.	Hart, Mrs. Mary E.
Cook, Miss Mary A.	Hasse, Miss Adelaide
Conant, Prof. George.	Hitchcock, Dr. W. W.
Coquillette, Prof. D. W.	Holt, L. M.
Crow, Prof. Geo. R.	Horne, M.
Cullen, Kimball P.	James, Prof. G. Wharton
Davidson, Dr. A.	Johnson, Dr. J. H.
Davis, Mrs. A. P.	Johnson, Mrs. M. M.
Davis, Prof. Arthur P.	Jones, Maj. E. W.
Day, St. John	Jones, Mrs. E. W.
Dunlap, Mrs. Augusta J.	Keeler, Rufus W.
Edelston, F. W.	Kelso, Miss Tessa L.
Edgerton, Calvin	Keyes, Prof. Chas. H.
Ellis, Dr. H. Bert	Kinley, Maj. Isaac
Esmarch, Gustav	Knight, Wm. H.

Active Members—Continued.

Knight, Mrs. Sophie W.	Salbar, Thos.
Lansingh, Mrs. A. A.	Shaw, Richard C.
Laux, Carl	Shepherd, Miss Ida B.
Lippincott, J. B.	Shooter, Thos.
Lundberg, William	Spalding, W. A.
Macleod, Malcomb	Stevens, Miss Alice J.
Macleod, Mrs. M.	Swift, Dr. Lewis
Marshall, Mrs. Emma S.	Thurston, Mrs. Emma A.
Maynard, Dr. H. H.	Trowbridge, Prof. G. S.
McClatchie, Prof. A. J. .	Wade, Edwin M.
McClatchie, Mrs. E. D.	Wallace, Hugh
Merritt, Miss Alice J.	Walker, Gilbert S.
Merry, Captain Thos. B.	Weller, Dr. S. H.
Minor, Hon. Samuel	Wicks, M. L. Jr.
Moody, Dr. J. D.	Wilson, C. N.
Murphy, Miss Anna C.	Williamson, Mrs. Burton
Murphy, Miss Mary S.	Williamson, R. A.
Nelmes, Thomas	Willhartitz, A
Nevin, Rev. Jos.	Wood, John B.
Oldroyd, Thos. S.	Woodward, M. F.
Rice, Mrs. Juliet P.	Worcester, Dr Samuel
Roughton, Geo.	Yates, Dr. Lorenzo C.

Honorary Member.

Alter, Dr. M. H.

Historical Sketch

Historical Sketch.

THE Southern California Science Association was organized at Los Angeles in the year 1891 for the purpose of promoting an interest in general science, and of investigating the natural history and phenomena of this region of the globe.

The first President, Dr. M. H. Alter, said in his opening address:

"Science is true knowledge so classified as to be readily available. Our position on this globe presents certain differences from the balance of the world that we should take into consideration. If this is done in an earnest and accurate manner, the records of this society will be factors in the advancement of the fund of the scientific knowledge of the world "

Dr. A. Davidson was President of the Association during the next two years, and under his intelligent management the membership greatly increased.

Mrs. Mary E. Hart was the efficient Secretary during the first two years, and took an active part in organizing and promoting the interests of the Society.

Mr. Wm. Lundberg has been the faithful Treasurer, and Col. E. W. Jones a valuable member of the Executive Board from the founding of the Society.

Meetings are held on the second Tuesday evenings of each month, at which papers on scientific subjects

of local or general interest are read. These are followed by comments and discussions in which all are privileged to participate.

The Association has been favored with papers on Entomology by Dr. Davidson, Prof. Coquellet, Mr. Griffith and Mr. Wilson; on Meteorology by Mr. Spalding; on Electricity by Mr. Lundberg; on Conchology by Mrs. Williamson; on Astronomy by Dr. Bush and Mr. Knight; on Botany by Miss Merritt and Prof. McClatchie; on Ornithology by Capt. Merry; on Topographic Charts by Mr. Davis; on Geology by Major Powell, Dr. Reid and Mr. Yale; and on Petroleum by Judge Minor.

In June, 1892, and again in June, 1893, public receptions were given at which interesting exhibits of shells, minerals, plants, insects and microscopical slides were made, drawn from the wealth of private collections in this vicinity.

The Lecture Course for 1894-5 will open on Tuesday evening, September 10, 1894. Able papers have been secured for the course, and due announcement will be made to members of the Association.



Constitution

Constitution.

ARTICLE I.

NAME AND OBJECT.

SECTION 1. The name of this association shall be the Southern California Science Association.

SEC. 2. The aims of this Association shall be to secure a more frequent interchange of thought and opinion among those who devote themselves to Scientific and Natural History studies ; to elicit and diffuse a taste for such studies where it is yet unformed ; and to afford increased facilities for its extension where it already exists.

ARTICLE II.

SECTION 1. The membership of this Association shall include, Active, Honorary and Life members.

SEC. 2. Any person interested in advancing the objects of the Association may become

an Active member thereof upon application and election as provided in the By-laws.

SEC. 3. The Honorary membership shall be limited to retiring Active members and to individuals who may by donations, contributions or otherwise materially aid in fostering and advancing the objects of the Association.

SEC. 4. Any member who on election shall contribute the sum of \$30 to the funds of the Association shall become a Life member.

ARTICLE III.

DUTIES OF MEMBERS.

SECTION. 1. Active and Life members only shall have any voice in the management of the business of the Association.

ARTICLE IV.

ELECTION OF OFFICERS.

SECTION. 1. The officers of this association shall be chosen from the Active or Life members and shall consist of a President, two Vice Presidents, Secretary and Treasurer, and a General Committee of six persons, who, to-

gether with the other officers, shall constitute an Executive Board of eleven members, of whom five shall form a quorum.

SEC. 2. The officers and General Committee shall be elected at the annual meeting which shall be held on the second Tuesday in May in the year 1894 and each year thereafter.

SEC. 3. The officers shall serve for one year and until their successors are qualified.

SEC. 4. The General Committee shall serve for two years, *provided*, that one-half of the members of the general committee elected at the annual meeting of 1894 shall serve only one year.

SEC. 5. An officer or member of the General Committee may be elected at any regular meeting to fill a vacancy.

ARTICLE V.

DUTIES OF OFFICERS.

SECTION 1. The President shall perform the customary duties pertaining to that position ; and at the close of his term of office, shall, deliver an address, submitting a review

of the work done by the Association during the preceeding year.

SEC. 2. One of the Vice-Presidents shall perform the duties of the President in the latters absence.

SEC. 3. The Secretary shall keep a record of the transactions of the Association, conduct its correspondence, have charge of its literature, documents, donations and other property, until the Association otherwise provide; and shall, two weeks before the expiration of his term of office, submit a report to the President for use in preparing his annual address.

SEC. 4. The Treasurer shall collect and take charge of the annual subscriptions and funds of the Association, and make payments therefrom under the direction of the committee, to whom he shall annually submit an account, to be audited and prepared for submission to the Association at its annual meeting.

SEC. 5. The Executive Board shall take action on all matters of importance to the

Association not delegated to special committees or otherwise provided for.

ARTICLE VI.

AMENDMENTS.

SECTION I. This Constitution may be altered or amended by a two-thirds vote of members present at any regular meeting; but the proposed amendment for alteration must be submitted in writing at a previous meeting.



By-Laws

By-Laws.

ARTICLE I.

MEETINGS.

SECTION 1. The regular meetings of the Association shall be held on the second Tuesday of each month.

SEC. 2. The Secretary shall at any time call a meeting of the Association if so ordered by the General Committee, or if requested in writing by any six Active members.

ARTICLE II.

ADMISSION OF MEMBERS.

SECTION 1. Candidates for membership must be proposed by some member at a regular meeting and may be elected at the next regular meeting.

ARTICLE III.

ELECTIONS.

SECTION 1. Election of members and officers shall be by ballot, a vote of the majority present being necessary to election.

ARTICLE IV.

DUES.

SECTION 1. Active members shall, prior to admission, pay one dollar (\$1) as an entry fee, and contribute annually the sum of \$1 in advance, or such of the sum as may be fixed at the annual meeting.

SEC. 2. All members whose subscriptions have been unpaid for six months shall have their names erased from the roll of membership, if after receiving notice from the Treasurer they still neglect to pay.

ARTICLE V.

EXERCISES.

SECTION 1. The exercises at the regular meetings of the Association shall be such as are determined upon and provided for by the Executive Board and announced by the Secretary previous to each meeting.

SEC. 2. The Secretary shall be exempt from payment of any dues during his time of office.

SEC. 3. All appers read before the Association shall become its property.

ARTICLE VI.

ORDER OF BUSINESS.

1. Reading of minutes,
2. Reports of committees and officers.
3. Propositions for membership.
4. Election of members or officers.
5. Reading of papers and discussion.
6. Voluntary contributions.
7. Miscellaneous business.
8. Adjournment.

ARTICLE VII.

AMENDMENTS.

SECTION 1. These By-laws may be altered or amended at any regular meeting by a two-thirds vote of those present.





